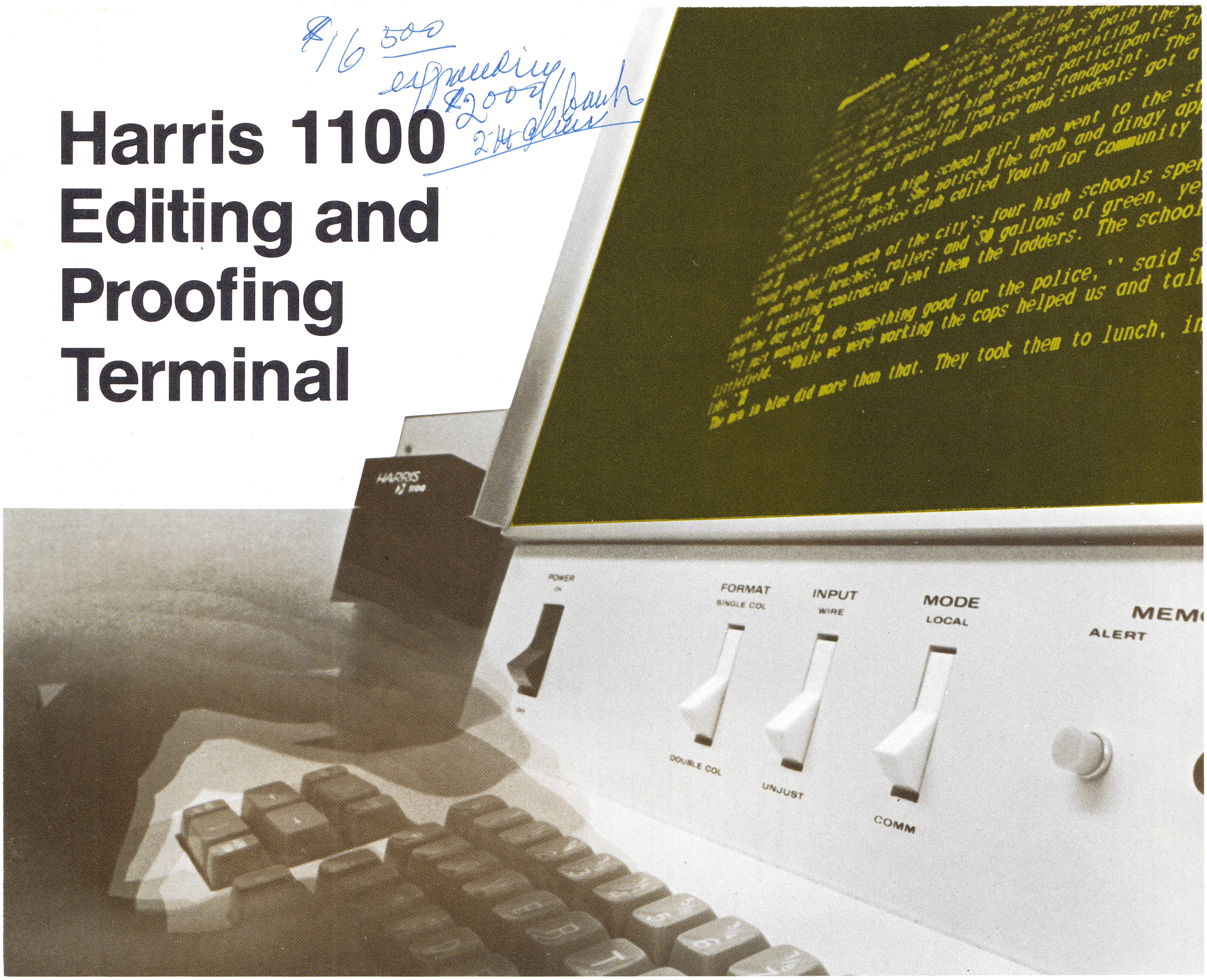
$16 500

engineering

$2004/bench

2H glass

Harris 1100 Editing and Proofing Terminal



Editing, proofing, correcting . . . Harris gets it out

The Harris 1100 is everything you could possibly bargain for in high performance electronic editing. Engineered for operator accuracy, comfort and speed. Designed for compatibility with today's and tomorrow's tape systems, computers, photocomposition and optical scanning equipment.

Simple, reliable, instantaneous performance. Proven in use by the nation's most foresighted newspapers and commercial printers.

Harris has it where it counts. We originated big screen, high quality, two column display. We perfected full word wraparound performance. We were first with automatic stripping of codes from the wire service tape itself. Now take a look at many other features in the Harris 1100 that give unprecedented economies in high performance electronic editing . . .

Harris 1100

Easy on the eyes

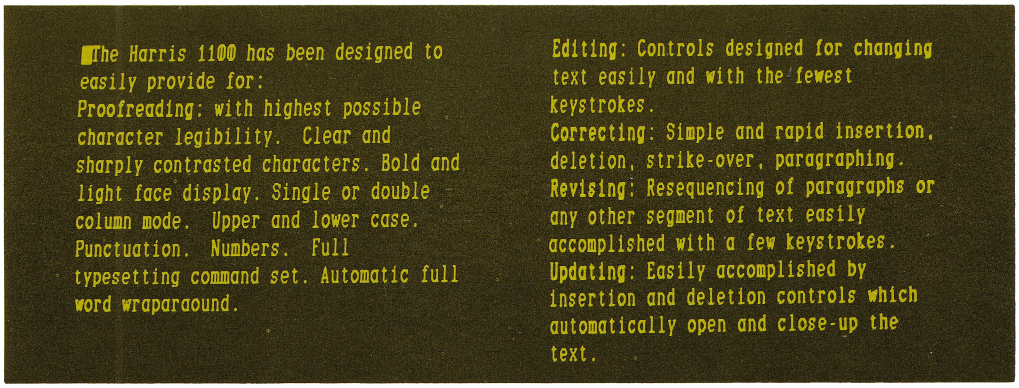
Constant cursor

Highest character legibility

Big 8½″ × 11″ viewing area

Single and double column display

Automatic full word wraparound



```
The Harris 1100 has been designed to
easily provide for:
Proofreading: with highest possible
character legibility.  Clear and
sharply contrasted characters. Bold and
light face display. Single or double
column mode.  Upper and lower case.
Punctuation.  Numbers.  Full
typesetting command set. Automatic full
word wraparaound.

Editing: Controls designed for changing
text easily and with the fewest
keystrokes.
Correcting: Simple and rapid insertion,
deletion, strike-over, paragraphing.
Revising: Resequencing of paragraphs or
any other segment of text easily
accomplished with a few keystrokes.
Updating: Easily accomplished by
insertion and deletion controls which
automatically open and close-up the
text.
```

Inverse image pinpoints command codes

Clean, crisp 14 pt. characters

Scrolls up or down through entire memory

Bold and light face

Corrections displayed instantly

Harris keeps it clean and simple

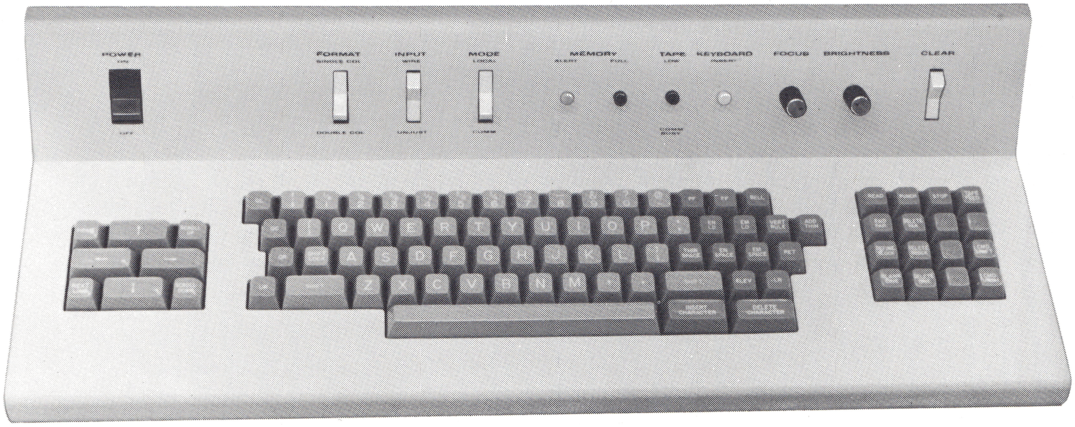
Harris has a lot you won't find in bargain priced equipment. Copy is in and out quickly, accurately, and with a lot less strain on the operator. The Harris 1100 is ultra efficiency in correcting, editing and proofreading text prior to typesetting. Permanent relief from the headaches and expense of corrections.

A completely self-contained unit, the Harris 1100 accepts input from paper tape, from optical scanners, or directly from a computer, stores it in memory, and displays it on the video screen. As copy is edited, it produces fully coded paper tape output or transmits directly to a computer.

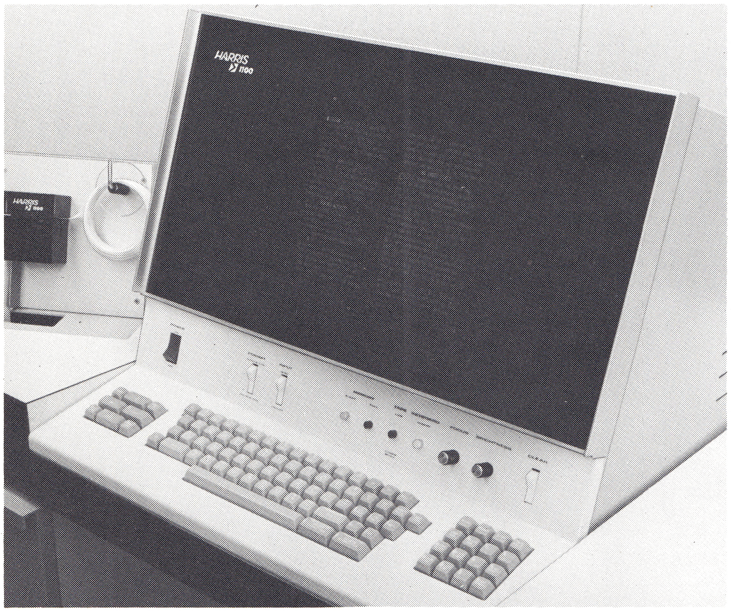
Easy reader

The Harris 1100 display console is human engineered in every respect. Viewing angle is designed for comfort from start to finish of every shift. Its green phosphor characters are sharp and easy to read. Two column format is ideal for normal eyespan. Type in bold or regular face is clean, crisp. Cursor, which identifies text material, remains at constant intensity, allowing rapid recognition and avoiding distraction.

Input is accepted at a minimum of 120 characters per second. Copy is displayed immediately . . . 2000 characters on 25 lines. The character set is expandable to 158 characters. The display changes the instant corrections are made. Text automatically closes and opens. With optional modules, up to 6,000 characters may be stored and scrolled in display.



Engineered for touch and speed **Six-directional cursor** **Eight keys do all editing**
Keyboard locks when memory is full **Single keystroke paragraphing**
Insert, delete keys on main keyboard **Shift and shift lock keys**
Deletes characters, lines, paragraphs, blocks **Copy is resequenced quickly and easily**



Human engineered

Years of research on operator performance are behind the design and operation of the Harris 1100 keyboard. Wherever possible, functions are performed with a single keystroke. Typesetting codes and new text are easily inserted through the keyboard. All editing functions are completed on only eight keys for simple, accurate operation. Placement of controls and built-in safeguards reduce chance of operator error to a minimum.

Harris will always fit in

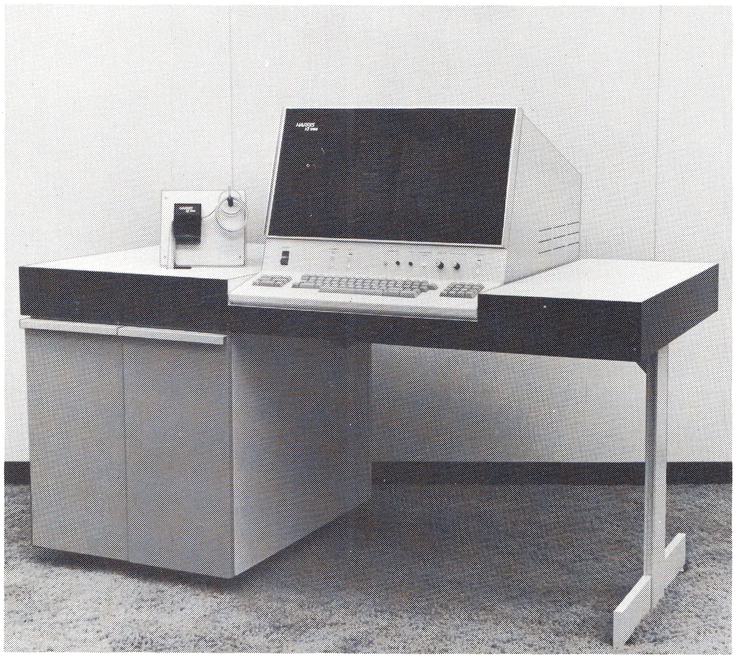
Harris composition technology is your assurance that the Harris 1100 will be a big performer for years to come. It's designed for use in virtually all typesetting/composition systems and on-line editing systems. It is a self-contained unit, always under operator control, yet it can be tied to a wide variety of computer systems presently available and under development, as well.

The Harris 1100 can be configured to accept input directly from OCR scanners and, after corrections are made, generate tape or direct output. Other custom arrangements are available.

The Harris 1100 may be purchased with or without a paper tape punch in the cabinet on the left side of the console.

Regardless of the requirements, count on Harris composition technology to come through for you.

Harris 1100 Specifications



Display

Capacity	2000 characters displayed Storage expandable to 6000
Format	Single and Double column modes— 25 lines of 80 char/line 50 lines of 40 char/line
Line Endings	Full word wraparound Actual line endings for justified text
Character Set	TTS compatible set of 104 to 128 characters available Expandable to 158 for accents, TV logos, and custom symbols
Font	Upper and Lower case Cairo Light Bold face with 2:1 brightness Inverse Image identifies commands and extended fonts
Character Size	14 point, monospaced
Character Resolution	165 elements/character
Phosphor	Green (P-31) for maximum legibility and viewing ease
Refresh Rate	60 hz flicker free, synchronized
Viewing Area	8½″ high × 11″ wide

Control Functions

Cursor	Non-destructive Single step and continuous Up, down, right, left, diagonal, home, next line Constant image, non-distracting
Edit/Correct (Overstrike, Insert, Delete, Resequence)	Character, Line, Paragraph, Block, Remainder of line or paragraph
Paragraphing	Single key creation, combination Automatic indent
Bold/Light	Instant display change
Wire Stripping	News wire justification codes removed automatically
Multicode Keys	Optional single key generation of format strings, horizontal rules
Text Scroll	Single line and continuous scroll up and down through entire memory
Text/Display Modes	Ends lines on quads, displays shift/unshift codes according to model
Keyboard	Light touch, electronic encoding 63 key TTS standard Secretarial shift and/or shift/unshift Custom arrangements optional

Input/Output

Coding	TTS and ASCII standard Other coding optional
Format	Input—justified or unjustified Output—full or partial screen and memory with function codes
Devices	Paper tape reader (120 cps) Paper tape punch (75 or 110 cps, optionally) Multiple readers/punches optional Tape—advanced or in-line feed, 6, 7, or 8-level, spoolers optional Optical Character Reader interface for on-line OCR input Computer interface for on-line I/O
Computer Operation	Communication Line—RS 232 C Tape Channel Adaptor—direct interface with PDP-8, 11, IBM 1130, etc. On-line to Harris 2500 System
Compatibility	Coding tailored to computer/photo unit requirements

Miscellaneous

Electronics	All solid state Integrated circuit logic unit
Size	Console desk 30″ deep × 60″ long × 29″ high
Weight	350 lbs.
Power	110 VAC, single phase

Set in various faces on the Harris Fototronic photocomposition system

Printed in U.S.A.

Intertype Company General Offices
215 U.S. Highway 22, Watchung, N.J. 07060

Atlanta
1745 Tully Circle, N.E.
Atlanta, Georgia 30329
404/636-4338

Boston
275 Hancock Street
No. Quincy, Mass. 02171
617/471-5954

Chicago
1924 N. Paulina
Chicago, Illinois 60622
312/342-5141

Dallas
1253 Round Table Drive
Dallas, Texas 75247
214/637-2270

Los Angeles
1945 South Figueroa Street
Los Angeles, California 90007
213/749-7391

New York
800 Second Avenue
New York, New York 10017
212/986-7600

San Francisco
71 Park Lane
Brisbane, California 94005
415/467-2990

Canada
Harris-Intertype (Canada) Limited
19 Lesmill Road
Don Mills, Ontario
416/447-7234

England
Harris-Intertype Limited
145 Farnham Road, Slough, Bucks

West Germany
Harris-Intertype GmbH
Mariendorfer Damm 1–3
1 Berlin 42, Germany

HARRIS
Communication Technology

Intertype Company, A Division of Harris Intertype Corporation
Harris Display Terminals • P.O. Box 37 Melbourne, Fla. 32901
305/727-4790